

## NOTES, ABSTRACTS, AND REVIEWS

## GUSTAV HELLMANN

(In printing the following translation<sup>1</sup> the MONTHLY WEATHER REVIEW joins with the Meteorologische Zeitschrift in honoring a distinguished scientist.)

The honorary president of the German Meteorological Society, Privy Councillor Professor Dr. Gustav Hellmann, completed on the 3d of July, 1924, his seventieth year.

The Meteorologische Zeitschrift can not let this day pass unnoticed, for he whose anniversary we celebrate has advanced the prestige of our journal not only by his numerous and valuable scientific contributions but also by his efficient work as its editor during the years 1892-1907 and as president of the German Meteorological Society from 1907 to 1923.

Hellmann's first publication in the Journal of the Austrian Meteorological Society dates back to 1875. In it he discussed the important question of what error is incurred in adjusting observations based on a short period by means of a longer record at a neighboring station regarded as normal. The limits within which this procedure is justified were here set forth for the first time. In the same volume we find an essay by Hellmann under the interestingly modern title: "A contribution to the physics of the upper layers of the atmosphere," which pointed out the significance of mountain stations to meteorology.

Previous to the merging of the Austrian journal with the German only one annual volume passed without a communication from Hellmann, and of the 41 volumes of the present Zeitschrift but 5 contain no papers from

his pen. It would be superfluous to point out what a fund of meteorological knowledge is contained in these treatises and communications.

Hellmann's editorial activity was made notable by the completion of the bibliography<sup>2</sup> and by the publication jointly with J. M. Pernter of the Hann Memorial Volume. As president of the German Meteorological Society, Hellmann has always regarded as his highest duty the advancement of the interests of the journal.

The Meteorologische Zeitschrift gratefully remembers these labors, and it extends to Herr Hellmann its wishes for a long continuance of bodily health and intellectual activity.

## RADIO DISTRIBUTION OF WEATHER OBSERVATIONS, FORECASTS AND STORM WARNINGS FOR SEAMEN

Under date of August 1, 1924, the Forecast Division of the Weather Bureau has issued a revised circular giving the most recent information respecting the distribution by radio to vessel masters navigating the Gulf of Mexico, the Caribbean Sea, and the adjacent waters of the North Atlantic Ocean of weather observations, wind forecasts, and warnings of hurricanes or other tropical disturbances.

Copies of this circular may be had on application to the "Chief, U. S. Weather Bureau, Washington, D. C.," or to any Weather Bureau office located on the southern coast of the United States.

<sup>1</sup> The bibliography referred to is probably Hellmann's "Contribution to the bibliography of meteorology and terrestrial magnetism in the 15th, 16th, and 17th centuries," (Part 2 of the report of the Chicago Meteorological Congress, August, 1893, pp. 362-394.)

<sup>2</sup> Met. Zeit., 41, July, 1924, p. 197. Translated by B. M. Varney.

## BIBLIOGRAPHY

C. FITZHUGH TALMAN, Meteorologist in Charge of Library

## RECENT ADDITIONS

The following have been selected from among the titles of books recently received as representing those most likely to be useful to Weather Bureau officials in their meteorological work and studies:

## Delgado de Carvalho, C. M.

Atlas pluviométrico do nordeste do Brasil. Rio de Janeiro. 1923. unp. 36½ cm. (Min. da viação e obras pub. Inspectoria federal de obras contra as seccas. Pub. no. 53. Serie 1, B. G.)

## Dorno, C.

1. Allgemeines aus Meteorologie und Klimatologie. 2. Strahlung. 3. Spezifisch-medizinische Klimatologie und Höhenklima. Braunschweig. 1924. v, 64 p. figs, 22½ cm. (Vorträge gehalten anlässlich des Ferienkurses für Ärzte in Davos am 19.-26. August, 1923.)

## Hanzlík, Stanislav.

Podnebí člověk. [Climate and man.] Praze. 1924. 171 p. illus. plates. 21½ cm. (Earth and mankind. v. 53.) [Author, title and text in Bohemian.]

## Hesse, Landesamt für Wetter- u. Gewässerkunde.

Wasserstandsbeobachtungen in Hessen im Kalenderjahre 1923 und Zusammenstellung der Beobachtungs-Ergebnisse im Abflussjahre 1923. Darmstadt. [1923.] p. 33-44. 34 cm.

## Hurst, H. E.

Rains of the Nile basin and the Nile flood of 1913. Cairo. 1923. 98 p. plates. 26½ cm. (Ministry of public works. Physical dept. paper no. 12.)

## Lambrecht, Wilh.

Fabrik wissenschaftlicher Instrumente. Meteorologie, Hygiene, Industrie. Göttingen. n. d. v. p. illus. 25 cm.

## McAdie, Alexander George.

Cloud atlas. Chicago. [c1923.] vi, 57 p. illus. tables. diagrs. 21½ cm.

## Mathieu (de la Drome).

Le double almanach. Indicateur du temps pour 1924 . . . Paris. [1924.] 128 p. 15 cm.

## Norbury, Frank Parsons.

Seasonal curves in mental disorders. 16 p. figs. 20½ cm. (Repr.: Medical journal and record, Apr. 16, 1924.)

## Platanía, G., &amp; Eredia, F.

Riassunto delle osservazioni meteorologiche eseguite a Catania nel quinquennio 1917-1921. 23 p. 25 cm. (Bollettino dell' Accad. gioenia di scienze naturali in Catania. Fasc. 52, 23 Giug., 1923.)

## Rainbolt, Victor.

Town that climate built. The story of the rise of a city in the American tropics. Miami. n. d. 136 p. plates. 20 cm.

## Stenz, Eduardo.

Supra variabilitate de constante solare. n. p. n. d. [1 p.] 34 cm. (Extr.: Circulaires l'Observatoire de Cracovie.)

Własności optyczne atmosfery nad szczytem Tysiny. Krakowie. 1924. 8 p. 24 cm. [Author, title and text in Polish. Summary in English. Optical properties of the atmosphere above the summit of Mt. Lysina Polish Beskids.] (Z. Rocznika observ. astron. Krakowskiego. v. 3, 1924.)

## Totten, Ralph J.

General weather conditions at principal Spanish ports. Barcelona. 1924. 9 p. 23 cm. [Manifolded from typewritten copy.]

## RECENT PAPERS BEARING ON METEOROLOGY AND SEISMOLOGY

The following titles have been selected from the contents of the periodicals and serials recently received in the library of the Weather Bureau. The titles selected are of papers and other communications bearing on meteorology and cognate branches of science. This is not a complete index of all the journals from which it has been compiled. It shows only the articles that appear to the compiler likely to be of particular interest in connection with the work of the Weather Bureau.

Aero digest. New York. v. 5. August, 1924.

Reichelderfer, F. W. Weather forecasting for airships. p. 84-87.